

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-09 14:01:36

Date of Next Testing: 2027-11-08 14:01:36

Product Name: **Tin oxide**

CAS Number: 18282-10-5

Specifications & Purity: nanopowder, 99.99% metals basis, < 50nm

Lot #: K2307118

SKU #: **S293172**

Version: **1**

Analysis #: **294266**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity Based on Trace Metals Impurities	99.99-100 (%)	99.99 %
Trace Metal Analysis	0-200 (ppm)	99.00 ppm
Particle size	< 50 (nm)	44.58 nm
Appearance (S293172)	Off-White to Grey Powder	Off-White to Grey Powder
ICP: Confirms Sn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager